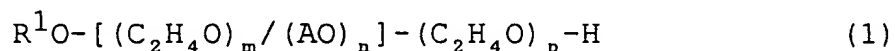


## ABSTRACT

A nonionic surfactant comprising an aliphatic alcohol  
alkylene oxide adduct (A), directly produced by adding an  
5 alkylene oxide (b1) to an aliphatic alcohol (a1),

and satisfying the following (i), (ii) and (iii):

(i) comprising one compound, or a mixture of two or more



(ii) having a ratio Mw/Mn within the specific range; and

10 (iii) having a distribution constant (c), determined by the  
following equation (4), of 1.0 or less:

$$c = (v + n_0/n_{00} - 1) / [\ln(n_{00}/n_0) + n_0/n_{00} - 1] \quad (4).$$

This invention provides an aliphatic alcohol alkylene  
oxide adduct, having surface activities comparable to  
15 alkylphenol-based nonionic surfactants and moreover having no  
fear of environmental endocrine disrupters like  
alkylphenol-based nonionic surfactants.

This invention provides a detergent composition using the  
above anionic surfactant and having excellent detergency.